

US EPA Office of Pesticide Programs Incident Data System

Specified Ingredient Incidents

Total Rows Returned : 89

Report Date & Time : 04/28/2022 9:18:55 AM G

PC Code :		024401;024402;024408													
Ingredient Name :		All													
Exposure Severity Code :		All					Single Ingredient Only:		No		Incident Date Period:		01/01/2009 To 04/27/2022		
Word in Package Description:		All													
Package and Report #	Pg #	Package Description	Stat us	Submitter	Inc. Date	City	County	St.	Cou ntry	Exp. Sev. Code	PC Code	Ingredient Name	Registration #	Product Name	Registrant
020779-00008	11	EPA Region 9 compilation: 12 reports, Incl. 5 H-B, suicide attempts, 4 H-C, coughing, rash, itching, blisters, s.o.b, 1 H, 1 W-B, 1 P-A, 1 PD, fire.	U	U.S. EPA, REGION IX, PESTICIDE PROGRAM SECTION	04/30/2009	COLD CANYON LANDFIL L	SAN LUIS OBISPO	CA	US	F	024401	Copper sulfate		COPPER SULFATE	
020782-00001	2	Arch Chemicals: 4 H-C, a) coughing, breathing difficulty, b) coughing, vomiting, c) potential voimiting, d) dizziness.	N	ARCH CHEMICALS, INC.	03/14/2009	PINE GROVE		LA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS , INC.
020782-00002	4	Arch Chemicals: 4 H-C, a) coughing, breathing difficulty, b) coughing, vomiting, c) potential voimiting, d) dizziness.	N	ARCH CHEMICALS, INC.	01/17/2009	CHICO		CA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS , INC.
020891-00009	13	EPA: 5 H-B, 7 H-C, 1 P-A, 1 PD-A, 1 PD, suicide attempts, vomiting, nausea, stomach cramping, rash, itching, building structure damage.	U	U.S. EPA, REGION IX	04/30/2009	COLD CANYON LANDFIL L	SAN LUIS OBISPO	CA	US	F	024401	Copper sulfate		COPPER SULFATE	
020993-00004	8	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	04/28/2009	ROSWEL L		NM	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS , INC.
020993-00009	18	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	05/20/2009	NAUGAT UCK		CT	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS , INC.
020993-00011	22	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	05/23/2009	PAYSON		IL	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS , INC.
020993-00015	30	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	05/23/2009	COLORA DO SPRING S		CO	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH PACE 1" DUAL ACTION CHLORINATI NG TABLETS	ARCH CHEMICALS , INC.

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020993-00027	54	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	01/01/2009					HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
020993-00031	62	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	06/16/2009	GREAT BEND		KS	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
020993-00032	64	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	06/16/2009	DECATUR		TX	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
020993-00040	80	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	06/21/2009	NINANGUA		MO	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
020993-00051	102	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	06/25/2009	ROCKWOOD		TN	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
020993-00059	118	Arch: 63 H-C, cough, ocular irritation, eye redness, blurred vision, burning eyes, vomiting, chest pains, skin irritation, nose irritation.	N	ARCH CHEMICALS, INC.	06/29/2009	POMEROY		IA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
021205-00002	7	Sergeant's: 3 H-C, a) swelling, anorexia, throat irritation, b) swelling, muscle pain, cancer, c) blisters, itching, rash dev. within minutes of use	N	SERGEANT'S PET CARE PRODUCTS, INC.	07/21/2009	DAYTON		OH	US	HC	024401	Copper sulfate pentahydrate	008999-00003	HASC 34 O/Z HAD A SNAIL BC 539	INTERPET LLC
021389-00008	16	Arch Chemicals: 39 H-C, s.o.b, coughing, burning sensation in chest, eye burning, vomiting, eye itching, woozy feeling, choking.	N	ARCH CHEMICALS, INC.	09/03/2009	SISTERS		OR	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABS	ARCH CHEMICALS, INC.
021389-00009	18	Arch Chemicals: 39 H-C, s.o.b, coughing, burning sensation in chest, eye burning, vomiting, eye itching, woozy feeling, choking.	N	ARCH CHEMICALS, INC.	08/29/2009	MEDFORD		OR	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.

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021389-00010	20	Arch Chemicals: 39 H-C, s.o.b, coughing, burning sensation in chest, eye burning, vomiting, eye itching, woozy feeling, choking.	N	ARCH CHEMICALS, INC.	08/26/2009	BEECH GROVE		IN	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS, INC.
021389-00011	22	Arch Chemicals: 39 H-C, s.o.b, coughing, burning sensation in chest, eye burning, vomiting, eye itching, woozy feeling, choking.	N	ARCH CHEMICALS, INC.	08/10/2009	SEWELL		NJ	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
021389-00012	24	Arch Chemicals: 39 H-C, s.o.b, coughing, burning sensation in chest, eye burning, vomiting, eye itching, woozy feeling, choking.	N	ARCH CHEMICALS, INC.	07/28/2009	CROWN POINT		NY	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
021389-00013	26	Arch Chemicals: 39 H-C, s.o.b, coughing, burning sensation in chest, eye burning, vomiting, eye itching, woozy feeling, choking.	N	ARCH CHEMICALS, INC.	07/23/2009	MAGNA		UT	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABS	ARCH CHEMICALS, INC.
021389-00014	28	Arch Chemicals: 39 H-C, s.o.b, coughing, burning sensation in chest, eye burning, vomiting, eye itching, woozy feeling, choking.	N	ARCH CHEMICALS, INC.	07/14/2009	MANDEVILLE		LA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
022263-00009	18	Arch Chemicals:1 H-B, worker is gasping for air, 35 H-C, ocular burns, coughing, wheezing, vomiting, SOB, burning in throat, chest tightness,	N	ARCH CHEMICALS, INC.	05/12/2010	AUBURN		IN	US	HB	024401	Copper sulfate pentahydrate	001258-01244	HTH PACE DUAL ACTION 3" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
022263-00015	30	Arch Chemicals:1 H-B, worker is gasping for air, 35 H-C, ocular burns, coughing, wheezing, vomiting, SOB, burning in throat, chest tightness,	N	ARCH CHEMICALS, INC.	05/30/2010	CHILICOTHE		OH	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH PACE DUAL ACTION 3" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
022263-00016	32	Arch Chemicals:1 H-B, worker is gasping for air, 35 H-C, ocular burns, coughing, wheezing, vomiting, SOB, burning in throat, chest tightness,	N	ARCH CHEMICALS, INC.	06/01/2010	BEACH GROVE		IN	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH PACE DUAL ACTION 3" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
022263-00017	34	Arch Chemicals:1 H-B, worker is gasping for air, 35 H-C, ocular burns, coughing, wheezing, vomiting, SOB, burning in throat, chest tightness,	N	ARCH CHEMICALS, INC.	06/15/2010	HOUSTON		TX	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH PACE DUAL ACTION 3" CHLORINATING TABLETS	ARCH CHEMICALS, INC.

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022263-00018	36	Arch Chemicals:1 H-B, worker is gasping for air, 35 H-C, ocular burns, coughing, wheezing, vomiting, SOB, burning in throat, chest tightness,	N	ARCH CHEMICALS, INC.	06/17/2010	FISHERS		IN	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH PACE DUAL ACTION 3" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
022263-00036	72	Arch Chemicals:1 H-B, worker is gasping for air, 35 H-C, ocular burns, coughing, wheezing, vomiting, SOB, burning in throat, chest tightness,	N	ARCH CHEMICALS, INC.	06/15/2010	ORANGE		TX	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH PACE DUAL ACTION 3" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
022334-00011	22	Arch Chemicals: 15 H-C, vomiting, cough, chest pain, trouble breathing, SOB, spitting blood, choking, wheezing for breath, fever, stomach pain.	N	ARCH CHEMICALS, INC.	07/19/2010	ALDINE		TX	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
022334-00012	26	Arch Chemicals: 15 H-C, vomiting, cough, chest pain, trouble breathing, SOB, spitting blood, choking, wheezing for breath, fever, stomach pain.	N	ARCH CHEMICALS, INC.	08/19/2010	MILLTOWN		IN	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
022781-00004	9	Arch Chemicals: 7 H-C, SOB, coughing, lethargy, blood in sputum, burning sensation in nose, tightness in chest, difficulty breathing.	N	ARCH CHEMICALS, INC.	09/10/2010	GILBERT		AZ	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH CHLORINATING GRANULES	ARCH CHEMICALS, INC.
022950-00005	18	Biolab: 5 H-C, a)dermal irritation & pain, cellulitis, b) ocular irritation & pain, corneal abrasion, red eye conjunctivitis (misuse by child), c)oral blisters, dry teeth, d)SOB, cough/choke, e)erythema, blisters, pruritus, dermal irritation & pain.	N	BIOLAB	04/06/2011	DURHAM		CA	US	HC	024401	Copper sulfate pentahydrate	005185-00473-010305	OMNI ALGAE TERMINATOR	BIO-LAB, INC.
023150-00002	6	Universal Crop Protection Alliance: 2 H-C: a) adult male used Crossbow Herbicide at work for 7-8 yrs, devel. pneumonia in 2010, now diagnosed with lung cancer; b) male at farm applied copper sulfate to goat's feet, but it splashed in his eye and face: corrosive, blister in corner of eye	N	UNIVERSAL CROP PROTECTION ALLIANCE	07/19/2011	BUCHANON		WV	US	HC	024401	Copper sulfate pentahydrate	001386-00304	DIAMOND COPPER SULPHATE	UNIVERSAL COOPERATIVES INC

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023643-00012	24	Lonza: 18 H-C, difficulty breathing, chest burning & cough, burning & tightness of chest, nausea, shortness of breath, chest pain; most incidents were caused from inhalation of fumes.	N	LONZA INC.	05/15/2011	SHANNON HILLS		AR	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023643-00013	26	Lonza: 18 H-C, difficulty breathing, chest burning & cough, burning & tightness of chest, nausea, shortness of breath, chest pain; most incidents were caused from inhalation of fumes.	N	LONZA INC.	06/04/2011	WEST MONROE		LA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023643-00014	28	Lonza: 18 H-C, difficulty breathing, chest burning & cough, burning & tightness of chest, nausea, shortness of breath, chest pain; most incidents were caused from inhalation of fumes.	N	LONZA INC.	06/18/2011	WAYLAND		MI	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00033	66	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	07/05/2011	BANGOR		CA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00034	68	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	07/07/2011	BETHLEHEM		PA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.

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023666-00035	70	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	07/09/2011	CORPUS CHRISTI		TX	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00036	72	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	07/14/2011				US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00037	74	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	07/14/2011	LIBERAL		MO	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00038	76	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	07/20/2011	LAKE TRAIL		PA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.

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023666-00039	78	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	07/31/2011	PLOVER		WI	US	HC	024401	Copper sulfate pentahydrate	001258-01244	PACE DUAL PURPOSE 3" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00040	80	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	08/04/2011	NORTH BENTON		OH	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00041	82	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	08/22/2011	NEW RICHMOND		WI	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
023666-00042	84	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	08/22/2011	KINGMAN		AZ	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.

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023666-00043	86	Lonza Arch Chemicals: 48 H-C, respiratory distress, cough, shortness of breath, nasal pain, difficulty breathing, lungs burning, lethargy, pounding in chest, facial burns, gagging, tightness in chest, chest pains, burning eyes, nasal discharge, wheezing, coughing up mucus, sore throat, and sweating.	N	LONZA ARCH CHEMICALS, INC.	08/20/2011	BRIDGE TON		NJ	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
024132-00004	13	Lonza: 19 H-C; dermal burns, chest feels constricted, ocular irritation, cough, shortness of breath, vomiting, rash, and burning sensation.	N	LONZA INC.	05/20/2012	QUAKER TOWN		PA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH 3" DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
024132-00007	22	Lonza: 19 H-C; dermal burns, chest feels constricted, ocular irritation, cough, shortness of breath, vomiting, rash, and burning sensation.	N	LONZA INC.	05/26/2012	FORT WORTH		TX	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH 1" DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
024132-00009	28	Lonza: 19 H-C; dermal burns, chest feels constricted, ocular irritation, cough, shortness of breath, vomiting, rash, and burning sensation.	N	LONZA INC.	05/11/2012	INDIAN APOLIS		IN	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
024132-00017	54	Lonza: 19 H-C; dermal burns, chest feels constricted, ocular irritation, cough, shortness of breath, vomiting, rash, and burning sensation.	N	LONZA INC.	05/26/2012	ARNOLD		MO	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" TABLETS	ARCH CHEMICALS, INC.
024223-00014	44	Lonza: 37 H-C; burning & swollen nasal cavity, burning & itchy rash, ocular irritation, headache, difficulty breathing, cough, vomiting, shortness of breath, chest pain, disorientation.	N	LONZA INC.	06/12/2012	EVANSVILLE		IN	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
024223-00015	47	Lonza: 37 H-C; burning & swollen nasal cavity, burning & itchy rash, ocular irritation, headache, difficulty breathing, cough, vomiting, shortness of breath, chest pain, disorientation.	N	LONZA INC.	06/13/2012	RED BLUFF		CA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	1" DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS, INC.

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024223-00017	54	Lonza: 37 H-C; burning & swollen nasal cavity, burning & itchy rash, ocular irritation, headache, difficulty breathing, cough, vomiting, shortness of breath, chest pain, disorientation.	N	LONZA INC.	06/14/2012	ALIQUIP PA		PA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 3 " CHLORINATING TABLETS	ARCH CHEMICALS , INC.
024223-00023	73	Lonza: 37 H-C; burning & swollen nasal cavity, burning & itchy rash, ocular irritation, headache, difficulty breathing, cough, vomiting, shortness of breath, chest pain, disorientation.	N	LONZA INC.	06/20/2012	BRENT WOOD		NY	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS , INC.
024223-00027	87	Lonza: 37 H-C; burning & swollen nasal cavity, burning & itchy rash, ocular irritation, headache, difficulty breathing, cough, vomiting, shortness of breath, chest pain, disorientation.	N	LONZA INC.	06/21/2012	MEYERS DALE		PA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS , INC.
024376-00014	48	Lonza: 84 H-C: ocular irritation, dermal burns, erythema, numbness, oral irritation, dermal irritation, cough, abdominal pain, difficulty breathing.	N	LONZA INC.	07/04/2012	DOWNEY		CA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS , INC.
024376-00031	105	Lonza: 84 H-C: ocular irritation, dermal burns, erythema, numbness, oral irritation, dermal irritation, cough, abdominal pain, difficulty breathing.	N	LONZA INC.	07/11/2012	STURGIS		MI	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH 1" DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS , INC.
024376-00035	118	Lonza: 84 H-C: ocular irritation, dermal burns, erythema, numbness, oral irritation, dermal irritation, cough, abdominal pain, difficulty breathing.	N	LONZA INC.	07/13/2012	BALTIMORE		MD	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS , INC.
024483-00009	24	Lonza: 38 H-C, oral burns, renal failure, creatine increase, corneal abrasion, ocular irritation, conjunctivitis, erythema, pruritus, rash, burning nasal passage, cough, difficulty breathing, chest pains.	N	LONZA INC.	08/02/2012	LOCKEFORD		CA	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS , INC.

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024483-00020	58	Lonza: 38 H-C, oral burns, renal failure, creatine increase, corneal abrasion, ocular irritation, conjunctivitis, erythema, pruritus, rash, burning nasal passage, cough, difficulty breathing, chest pains.	N	LONZA INC.	08/10/2012	DALLAS		OR	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
024483-00038	116	Lonza: 38 H-C, oral burns, renal failure, creatine increase, corneal abrasion, ocular irritation, conjunctivitis, erythema, pruritus, rash, burning nasal passage, cough, difficulty breathing, chest pains.	N	LONZA INC.	08/30/2012	ROBBINSVILLE		NC	US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION 1" CHLORINATING TABLETS	ARCH CHEMICALS, INC.
024539-00006	8	US EPA Region 9: 8 new reports & 4 updates from California	N	U.S. EPA, REGION 9	09/01/2012		LOS ANGELES	CA	US	HC	024401	Copper sulfate pentahydrate	056576-00001-072064	ROTO ROOTER ROOT DESTROYER	CHEM ONE LTD.
024575-00013	40	Lonza: 17 H-C, difficulty breathing, chest pain, coughing, sore throat, dermal pain, ocular pain, ocular burning, asthma-like symptoms, vomiting, dermal irritation, rash, coughing up blood.	N	LONZA INC.	09/19/2012	HOUSTON		TX	US	HC	024401	Copper sulfate pentahydrate	001258-01244	POOLIFE BRITE STIX	ARCH CHEMICALS, INC.
025275-00004	10	Lonza: 30 H-C. Symptoms include chemical burns, vomiting, shortness of breath, blotches on skin, coughing, red burning eyes, blurry vision, wheezing, nose bleeds, stomach pain, nausea, itching, skin discoloration	N	LONZA INC.	05/14/2013				US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS, INC.
025441-00014	29	Lonza: 22 individual H-C cases, June 2013.	N	LONZA INC.	06/19/2013				US	HC	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION CHLORINATING TABLETS	ARCH CHEMICALS, INC.
025655-00013	30	Lonza: 31 incidents containing H-D and H-C incidents.	N	LONZA INC.	08/06/2013				US	HD	024401	Copper sulfate pentahydrate	001258-01244	HTH DUAL ACTION TABLETS	ARCH CHEMICALS, INC.
026071-00001	1	WWW: fish kill in lake, Wayne Co., PA, summer 2013: 10000 fish killed. Applicator did not wait long enough in between treatments of copper sulfate: misuse	N	U.S. EPA, OPP, ITRMD, ISB	07/01/2013	LAKE ARIEL, LAKE TWP.	WAYNE	PA	US	WA	024401	Copper sulfate		COPPER SULFATE	

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026662-00008	22	US EPA, Region 9 compilation of 15 individual California reports.	N	U.S. EPA, REGION 9	06/10/2014		ORANGE	CA	US	HC	024401	Copper sulfate pentahydrate		ROOT KILL BY ZEP	
027553-00004	8	Lonza: 5 H-C.	N	LONZA INC.	03/16/2015				US	HC	024401	Cupric sulfate pentahydrate	001258-01244	SWIMMER'S CHOICE 3" DUAL ACTION TABLETS	
028017-00001	3	Seapro: 5 2015 incidents, 4 aggregate incident summaries.	N	SEPRO CORP.	04/29/2015			CA	US	EB	024401	Copper sulfate pentahydrate	067690-00055	SECLEAR ALGAECIDE	SEPRO CORPORATION
028801-00017	29	NPIC: 2015 veterinarian portal reports, 48 pet reports.	N	NATIONAL PESTICIDE INFORMATION CENTER	05/23/2015	OREGON		OH	US	DC	024401	Copper sulfate pentahydrate	033034-00001	POND BLOCK	SPECTRUM BRANDS, INC.
028839-00002	4	Lonza: April 2016, 4 H-C incidents	N	LONZA INC.	04/11/2016				US	HC	024401	Copper sulfate pentahydrate	056576-00001-008959	A B BRAND COPPER SULFATE CRYSTALS	CHEM ONE LTD.
030258-00001	1	Region 9: Aug. 16, fish kill in Sacramento County, CA.	N	U.S. EPA, REGION 9	08/16/2017		SACRAMENTO	CA	US	WA	024401	Copper sulfate pentahydrate	056576-00001	COPPER SULFATE	CHEM ONE LTD.
030365-00001	2	Region 9: updates I030258, a fish kill in Sacramento County, CA, copper sulfate suspected.	U	U.S. EPA, REGION 9	08/16/2017		SACRAMENTO	CA	US	WA	024401	Copper sulfate pentahydrate	056576-00001	COPPER SULFATE	CHEM ONE LTD.
031030-00001	1	NPIC: June 2018, koi fish in a pond started dying after an application of Crystal Blue Cooper Sulfate.	N	NATIONAL PESTICIDE INFORMATION CENTER	06/20/2018	SHELBYVILLE		IN	US	DA	024401	Copper sulfate pentahydrate		CRYSTAL BLUE COPPER SULFATE	
031168-00001	1	UPI: Includes 1 W-A. Symptoms include Fish killed.	N	UPI	06/06/2018	SPARTANSBURG		SC	US	WA	024401	Copper sulfate pentahydrate	070506-00248	CURRENT AQUATIC HERBICIDE	UNITED PHOSPHORUS, INC
031375-00001	2	Biolab: Includes 1 E-A. Chlorinator exploded. (JK)	N	BIOLAB	07/18/2018	SOUTH BURLINGTON		VT	US	EA	024401	Copper sulfate pentahydrate	005185-00508	BIOGUARD SILKGUARD COMPLETE MULTI-PURPOSE 3" CHLORINATING TABLETS	BIO-LAB, INC.
031469-00009	26	Ecolab: Includes 8 H-C and 1 H-B (-008). Symptoms include Abdominal Pain, Throat Irritation, Memory Problems, etc. (JK)	N	ECOLAB	08/16/2018	PEACHTREE CITY		GA	US	HC	024401	Copper sulfate pentahydrate	005185-00474	BIOGUARD REMEDY BANISH	BIO-LAB, INC.
031598-00001	3	SePRO: Includes 1 H-D. Symptoms include Burning and Cloudy Vision in eye. (JK)	N	SEPRO CORP.	07/11/2018	MARSHVILLE		NC	US	HD	024401	Copper sulfate pentahydrate	067690-00072	SECLEAR G	SEPRO CORPORATION

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031903-00001	1	Region 9: March 2019, an update to a 2017 fish kill in Sacramento County, CA involving copper sulfate.	U	U.S. EPA, REGION 9	08/16/2017	RANCO MURIETTA	SACRAMENTO	CA	US	WA	024401	Copper sulfate pentahydrate	056576-00001	CHEM 1 COPPER SULFATE	CHEM ONE LTD.
032254-00017	29	NPIC: veterinary incidents reports for the for GY 2015. Includes 1 D-A, 7 D-B, 6 D-C and 34 D-D. Symptoms include Tremor, Lethargy, Ulcer, etc. (JK)	N	NATIONAL PESTICIDE INFORMATION CENTER	06/03/2015	OREGON		OH	US	DD	024401	Copper sulfate pentahydrate	033034-00001	POND BLOCK	SPECTRUM BRANDS PET GROUP, INC. D/B/A UNITED PET GROUP, INC.
032640-00002	7	SePRO: Includes 5 W-B and 1 H-D. Symptoms include Swollen tongue.(JK)	N	SEPRO CORP.	07/30/2019	DEARING		GA	US	WB	024401	Copper sulfate pentahydrate	067690-00055	SECLEAR	SEPRO CORPORATION
033049-00001	2	Region 9: Includes 1 P-A. A crop loss to 1.5 acres of vineyard. The damage symptoms included burnt leaves, petioles and shoots and estimated the loss to be about \$24,750. (JK)	N	U.S. EPA, REGION 9	05/05/2018		SANTA BARBARA	CA	US	PA	024401	Copper sulfate pentahydrate	056576-00001	COPPER SULFATE CRYSTALS	CHEM ONE LTD.
033168-00001	1	NPIC: Apr. 2020, two pesticide incidents reported to NPIC. One involves dead bees possibly due to application of EPA Reg. 83190-2-72838 in a pond to control algae and aquatic plants in TX. The other relates to affected wildlife (squirrels and birds) probably caused by mothball application to a residential lawn in MA.	N	NATIONAL PESTICIDE INFORMATION CENTER	05/01/2020	ANDERSON		TX	US	PB, WB, ON	024401	Copper sulfate pentahydrate	083190-00002-072838	CRYSTAL BLUE COPPER SULFATE SMART CRYSTALS	BLUEWATER CHEMGROUP, INC.
033618-00001	3	SePRO: Includes 2 W-B. Fish death incidents. (JK)	N	SEPRO CORP.	07/23/2020			NC	US	WB	024401	Copper sulfate pentahydrate	067690-00055	SECLEAR	SEPRO CORPORATION
033618-00002	6	SePRO: Includes 2 W-B. Fish death incidents. (JK)	N	SEPRO CORP.	07/01/2020	MORROW		OH	US	WB	024401	Copper sulfate pentahydrate	067690-00055	SECLEAR	SEPRO CORPORATION
034301-00002	6	Biolab: Includes 2 H-C. Symptoms include chest pain, dyspnea, wheezing, etc. (JK)	N	BIOLAB	06/20/2021	SULPHUR		LA	US	HC	024401	Copper sulfate pentahydrate	005185-00473-090106	CLOROX POOL&SPA AWESOME ALGAECIDE	BIO-LAB, INC.

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034775-00001	2	SePro: Includes 1 W-B. SeClear applied to 1/2 the pond on July 21, noticed fish gasping for air, kill on July 24 and 1 aggregate summary, Oct - Dec, 2021. (JK)	N	SEPRO CORP.	07/30/2021	ALEXANDRIA		KY	US	WB	024401	Copper sulfate pentahydrate	067690-00055	SECCLEAR	SEPRO CORPORATION

Exposure Severity Code	Description
C	Contamination (soil or product)
D	Domestic Animal (pre 1998 reg or undetermined)
D1	Drinking Water - Major
D2	Drinking Water - Moderate
D3	Drinking Water - Minor
DA	Domestic Animal - Fatality
DB	Domestic Animal - Major
DC	Domestic Animal - Moderate
DD	Domestic Animal - Minor
DE	Domestic Animal - Unspecified
E	Property Damage - Unspecified
EA	Property Damage - Major
EB	Property Damage - Moderate
EC	Property Damage - Minor
F	Other
G	Groundwater (pre 1998 reg or undetermined)
G1	Groundwater - Major
G2	Groundwater - Moderate
G3	Groundwater - Minor
GA	Groundwater - Major (with possibly mixed types of water)
GB	Groundwater - Moderate (with possibly mixed types of water)
GC	Groundwater - Minor (with possibly mixed types of water)
H	Human (pre 1998 reg or undetermined)
HA	Human Fatality
HB	Human - Major
HC	Human - Moderate
HD	Human - Minor
HE	Human - Unspecified
ON	Other Nontarget
P	Plant Damage (pre 1998 reg or undetermined)
PA	Plant Damage - Major

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Exposure Severity Code	Description
PB	Plant Damage - Minor
PL	Plant Lawn
R	Rainwater
S	Surface Water (pre 1998 reg or undetermined)
S1	Surface Water - Major
S2	Surface Water - Moderate
S3	Surface Water - Minor
W	Wildlife (pre 1998 reg or undetermined)
WA	Wildlife - Major
WB	Wildlife - Minor